Commonwealth of Kentucky
Division for Air Quality
PERMIT APPLICATION SUMMARY FORM

Completed by:
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GENERAL INFORMATION

Name:	Sherwin-Williams Automotive Finishes Corporation
Address:	395 Boggs Lane South; Richmond, KY 40475
Date application received:	December 11, 1998
SIC/Source description:	2815, coating manufacturing
AFS Plant ID:	21-151-00020
EIS #:	102-2520-0020
Application log number:	F913
Permit number:	V-00-006

APPLICATION TYPE/PERMIT ACTIVITY

[ ] Initial issuance
[ ] Permit modification
___ Administrative
___ Minor
___ Significant
[ ] Permit renewal
[ ] General permit
[ ] Conditional major
[X] Title V
[ ] Synthetic minor
[X] Construction/operating
[ ] Operating

COMPLIANCE SUMMARY

[ ] Source is out of compliance
[X] Compliance certification signed
[ ] Compliance schedule included

APPLICABLE REQUIREMENTS LIST

[ ] NSR
[ ] PSD
[ ] Netted out of PSD/NSR
[ ] NSPS
[ ] NESHAPS
[ ] Not major modification per 401 KAR 51:017, 1(2)(b) or 51:052,1(14)(b)
[X] SIP
[X] Other

MISCELLANEOUS

[ ] Acid rain source
[ ] Source subject to 112(r)
[ ] Source applied for federally enforceable emissions cap
[ ] Source provided terms for alternative operating scenarios
[ ] Source subject to a MACT standard
[ ] Source requested case-by-case 112(g) or (j) determination
[ ] Application proposes new control technology
[X] Certified by responsible official
[X] Diagrams or drawings included
[ ] Confidential business information (CBI) submitted in application

Description:

Sherwin-Williams Automotive Finishes Corporation is a coatings manufacturing facility located in Richmond, KY. This application is for a source-wide Title V permit, which will replace all previously existing permits. Additionally, the company is adding three new emission points and one dust collector to an existing point. The company anticipates the addition of emission point 90 (PMV40A) to the paint manufacturing plant in the year 2000. This point represents a Premier high-speed dispersion mill. The addition of this point does not increase the potential to emit for the plant but merely reflects the addition of equipment. Emission points 50 (R04-01 and R05-01) reflect the addition of four high temperature reactors. This equipment will be installed in 2000-2001. A dust collector will be added to emission point 02 (PO), small batch area #1. Dry material is added in this area, and the dust collector will be used for the dry loading

Emissions Summary:

	Emissions (tpy)							PTE with		
Pollutant	**Paint**	**Storage**	**WFE**	**Leaks**	**Boilers**	**Resin**	**Total**	**Resin**	**Total**	**Increase**
VOC	92.34	7.28	32.17	2.31	0.99	15.6	150.69	23.4	158.49	7.8
PM	0.72	0	0	0	0.9	0	1.62	0	1.62	0
NO_x	0	0	0	0	13.63	0	13.63	0	13.63	0
SO_2	0	0	0	0	0.11	0	0.11	0	0.11	0
CO	0	0	0	0	15.07	0	15.07	0	15.07	0
Total HAPs	46.97	3.89	18.94	0.86	0	13.52	84.18	20.3	90.96	6.78
Acrylonitrile	0	0.23	0	0.01	0	1.61	1.85	2.42	2.66	0.81
Cumene	0.09	0	0	0	0	0.01	0.1	0.014	0.104	0.004
Ethylbenzene	2.47	0.06	0	0	0	0.48	3.01	0.73	3.26	0.25
Glycol Ethers	0	0	0.07	0.01	0	0.02	0.1	0.03	0.11	0.01
Methanol	0.82	0.34	0	0.05	0	0	1.21	0	1.21	0
Methyl Ethyl Ketone	7.81	1.3	14.6	0.09	0	1.16	24.96	1.75	25.55	0.59
Methyl Isobutyl Ketone	3.4	0.19	0.91	0.06	0	0.12	4.68	0.18	4.74	0.06
Methyl Methacrylate	0	0.28	0	0.04	0	4.26	4.58	6.4	6.72	2.14
Naphthalene	0	0	0	0	0	0	0	0	0	0
o-cresol	0.01	0	0	0	0	0	0.01	0	0.01	0
Styrene	0.17	0.04	0	0.03	0	0.44	0.68	0.655	0.895	0.215
Toluene	19.71	1.14	2.09	0.23	0	3.15	26.32	4.72	27.89	1.57
Triethylamine	0.57	0	0	0	0	0	0.57	0	0.57	0
Xylene	12.07	0.31	1.34	0.35	0	2.27	16.34	3.4	17.47	1.13

Applicable Regulations:

401 KAR 59:010, *New Process Operations*, applies to particulate matter emissions from units constructed on or after July 2, 1975.

401 KAR 59:015, *New Indirect Heat Exchangers*, applies to the particulate, sulfur dioxide and visible emissions from units constructed on or after April 9, 1972.